

Claims

45. A slotted peep for viewing an object, comprising:

5 A member having at least four slots formed therein;

each of said slots having a pair of generally parallel sides extending a length between an open end and a closed end;

10 each of said slots intersecting angularly spaced adjacent ones of said slots at said open ends thereof such that the open ends intersect to form corners and said intersection defines a central aperture;

the closed ends of said slots being curved; and, the slots having the width thereof selected such that diffraction of light is confined to said slots and said central aperture is substantially free from light diffraction.

15 46. The slotted peep of claim 45, wherein

each of said sides includes an edge and wherein the edges of said generally parallel sides and said closed end define a border of said slots; said member having a thickness adjacent to said border which is less than a thickness of said member away from said border.

20 47. The slotted peep of claim 46, wherein:

 said border defines a knife edge.

48. The slotted peep of claim 45, wherein:

 said slots are generally equi-angularly spaced.

25 49. The slotted peep of claim 45, wherein:

 the slots having the length at least twice the width thereof.

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